Specifications

EOU3000 Enrollment Optical Unit/ROU3000 Remote Control Unit

	EOU3000	ROU3000
Dimensions (W x H x D)	7.2" x 13.2" x 8" (182 mm x 335 mm x 203 mm)	6.9" x 10" x 5.2" (175 mm x 253 mm x 132 mm)
Weight	8 lbs (3.64 kg)	7.5 lbs (3.4 kg)
Power Input	100-240VAC, 60/50Hz	12VDC or 110-120AC
Power Consumption	17W	
Signal System	NTSC	
Video Output	Composite Output: 1Vpp 75Ω	
Internal Component	Modified x 16 Zoom B/W CCD Camera, 2 IR LED and etc.	
Camera Control	RS-232	RS-422
LED Indication	Power (blue)/Active (green blink), Accept (green), Reject (red), Connection down (red blink)	
Voice Indication	Flexible Voice Message (English: standard, Other Language: downloading available)	
Operating Range	3" – 10" (8 cm – 25 cm)	
Operating Temp.	32° F – 104° F (0° C – 40° C)	
Storage Temp.	-4° F – 140° F (-20° C – 60° C)	
Humidity	0% to 95% Non-condensing	
Rotation Angle	+41°/-0°	+25°/-25°

INTERFACE

Equipment supplied with EOU3000
• AC Power Cable • Video Cable (BNC) • Camera Control Cable (RS-232C)
Cables between ROU3000 and ICU3000
• Camera Control Cable :: 1:1 LAN Cable (8 Pin RJ45 jack) • Video Cable :: BNC

ICU3000 Identification Control Unit

Dimensions (W x H x D)	16.9 " x 16.5" x 6.4" (430 mm x 420 mm x 163 mm)
Weight	25.4 lbs (11.5 kg)
Power Input	100-240VAC, 60/50Hz
Power Consumption	200W
CPU	More than Pentium® III-633
Memory	64MB
Storage	1 HDD (20GB)
Camera Control	RS-422 (Standard: 2 channel, Max: 4 channel)
Video Input	Composite: 1Vpp 75Ω BNC Type (Standard: 2 channel, Max: 4 channel)
Capture Capability	15f/s at each ROU3000
Door Interface	Relay, Wiegand and RS-422 Standard: 2 channel, Max: 4 channel
Operating System	Linux, Windows® 2000, Windows® XP
LED Indication	Power (red)
Operating Temp.	32° F – 104° F (0° C – 40° C)
Storage Temp.	-4° F – 140° F (-20° C – 60° C)
Humidity	0% to 95% Non-condensing

* LG IrisAccess™ is manufactured under a technology license from Iridian Technologies of Moorestown, NJ.

An eye toward service and technical support

Our state-of-the-art interactive 24/7 web-support provides high-quality diagnostic and first-line support backed by a team of technical personnel available for phone support should you require additional help to resolve a problem.

For more information call 609-860-8456 Ext. 131 or 132. Or look us up at www.LGiris.com

LG Electronics U.S.A., Inc.
Iris Technology Division
1095 Cranbury South River Rd., Suite #1, Jamesburg, NJ 08831
Tel: (609) 860-8456 • Fax: (609) 860-0666
www.LGiris.com

Data Center Security

LG IrisAccess™ 3000

Iris Recognition System

LG
The iris identity experts.℠

LG IrisAccess™ 3000

How much is your data worth – too risky to think about?

Data. It's the fuel of enterprise. The lifeline to running your business and serving your customers. And as expensive and time-consuming as it is to collect, can you imagine your loss if it suddenly went missing?

Because data loss portends disaster for business – and for the people assigned to protect it – more and more security-minded enterprises are turning to LG IrisAccess™ 3000 – the world's leading iris recognition solution – to protect the physical security of their data centers from unauthorized or illegal entry.

Open your eyes to iris recognition

Like snowflakes, every human iris is entirely unique. This uniqueness is the core of iris recognition – the most accurate, stable, scalable and rapid human authentication technology in existence.

Unlike retinal scanning, which is too up-close and personal for many, iris recognition is non-contact and quick, offering unmatched accuracy when compared to any other security alternative…from distances as far as 3 to 10 inches!

Video-based technology makes it easy to enroll

Guided by a mirror and an audio-assisted interactive interface, each person looks into the camera where the complex structure of the iris is captured, digitized and verified – along with appropriate user data and access privileges…all in a matter of minutes. And all without PIN numbers, passwords, cards or tokens.

Too many advantages for you to overlook

No other system performs like LG IrisAccess™ 3000. Uniquely designed to work in one to many search mode – even on large databases without PINs, passwords, or tokens, the system can also be configured as a high-security overlay within traditional security infrastructures employing PIN codes or tokens.

- **Accurate –** Iris recognition is orders of magnitude more accurate than any other security alternative – biometric or otherwise.
- **Fast –** Enrollment/usage instruction takes less than 2 minutes. Authentication takes less than 2 seconds.
- **Non-Invasive, Non-Contact – captures iris image as far as 3-10 inches!** Unlike fingerprint or hand-geometry, no physical contact is required for authentication, and no bright lights or lasers are used in the imaging process.
- **Expandable and Scalable –** Supports up to 128 remote stations from a single PC-based host. Data templates require only 512 bytes of storage per iris and even very large databases do not compromise search speed or degrade performance accuracy.

A valuable investment in the most accurate system there is

In light of today's demanding new security imperatives, LG IrisAccess™ 3000 is surprisingly affordable, especially when measured against the value of your data – and against the cost and consequences of a breach in security. And as a security overlay in a PIN or token-based environment, it is often the most cost-effective way to deliver a high-integrity enhancement to an installed legacy security system.

So when you're looking for absolute integrity of authentication – to keep data secure and data centers protected from unauthorized entry, look into LG IrisAccess™ 3000 – the world's leading iris recognition solution from LG, the iris identity experts.

System Configuration

LG IrisAccess™ 3000 consists of EOU3000, ROU3000, ICU3000, Frame Grabber Board, Door Interface and Server PC. Multiple Remote Units including the ICU3000 and ROU3000 can be connected to the Server PC through a LAN if multiple portal or a door control is required.